

Section II
Soil and Site Information

Construction Materials Table 2
Walworth County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AgA: Agar-----	85	Good		Poor Low strength Shrink-swell	0.00 0.87	Good	
AgB: Agar-----	85	Good		Poor Low strength Shrink-swell	0.00 0.87	Good	
AgC: Agar-----	85	Good		Poor Low strength Shrink-swell	0.00 0.87	Good	
AkA: Akaska-----	90	Fair Low content of organic matter	0.12	Good		Poor Hard to reclaim	0.00
AkB: Akaska-----	85	Fair Low content of organic matter	0.12	Good		Poor Hard to reclaim	0.00
Ao: Aquolls-----	95	Fair Too clayey	0.68	Poor Depth to saturated zone Shrink-swell	0.00 0.87	Poor Depth to saturated zone Too Clayey	0.00 0.53
Ar: Arveson-----	85	Fair Too sandy Carbonate content Low content of organic matter	0.50 0.80 0.88	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Too sandy	0.00 0.50
Bn: Bon-----	90	Good		Fair Low strength	0.22	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BoA: Bowbells-----	85	Fair Water erosion	0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
BwA: Bowdle-----	90	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.82
BwB: Bowdle-----	90	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.82
BxB: Bowdle-----	55	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.82
Wabek-----	35	Fair Droughty Low content of organic matter	0.01 0.50	Good		Poor Rock fragments Hard to reclaim	0.00 0.00
BxC: Bowdle-----	50	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.82
Wabek-----	40	Fair Droughty Low content of organic matter	0.01 0.50	Good		Poor Rock fragments Hard to reclaim	0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BxD: Bowdle-----	50	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Slope Hard to reclaim	0.00 0.00 0.37 0.82
Wabek-----	40	Fair Droughty Low content of organic matter	0.01 0.50	Good		Poor Rock fragments Hard to reclaim Slope	0.00 0.00 0.37
Co: Colvin-----	90	Fair Carbonate content Water erosion	0.46 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.89	Poor Depth to saturated zone Carbonate content	0.00 0.46
DeA: Demky-----	85	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.59	Poor Sodium content Too Clayey	0.00 0.00
DeB: Demky-----	85	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.59	Poor Sodium content Too Clayey	0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DgA: Demky-----	50	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.59	Poor Sodium content Too Clayey	0.00 0.00
Jerauld-----	30	Poor Sodium content Low content of organic matter Too clayey Salinity Water erosion	0.00 0.12 0.32 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.00	Poor Sodium content Salinity Too Clayey	0.00 0.00 0.19
Dm: Divide-----	85	Fair Low content of organic matter Carbonate content	0.12 0.32	Fair Depth to saturated zone	0.91	Poor Rock fragments Hard to reclaim Depth to saturated zone Carbonate content	0.00 0.18 0.91 0.92
Du: Durrstein-----	85	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.99	Poor Shrink-swell Depth to saturated zone Low strength	0.00 0.00 0.00	Poor Sodium content Depth to saturated zone Too Clayey Salinity	0.00 0.00 0.00 0.00
Eg: Egas-----	90	Poor Too clayey Low content of organic matter Salinity Water erosion	0.00 0.50 0.50 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Salinity Depth to saturated zone Too Clayey	0.00 0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GeE: Gettys-----	85	Poor Too clayey Low content of organic matter Carbonate content	0.00 0.12 0.97	Poor Low strength Shrink-swell Slope	0.00 0.12 0.92	Poor Too Clayey Slope Carbonate content	0.00 0.00 0.97
Gp: Orthents, Gravelly--	99	Not rated		Not rated		Not rated	
HeA: Hecla-----	90	Poor Wind erosion Too sandy Low content of organic matter	0.00 0.00 0.12	Good		Poor Too sandy	0.00
HhA: Highmore-----	85	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
HhB: Highmore-----	85	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
HhC: Highmore-----	85	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
HkA: Highmore-----	50	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Eakin-----	30	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.95	Poor Low strength Shrink-swell	0.00 0.45	Fair Too Clayey	0.79
HkB: Highmore-----	50	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Eakin-----	30	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.95	Poor Low strength Shrink-swell	0.00 0.45	Fair Too Clayey	0.79
HkC: Highmore-----	45	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Eakin-----	35	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.95	Poor Low strength Shrink-swell	0.00 0.45	Fair Too Clayey	0.79
HmB: Highmore-----	55	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Raber-----	25	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HmC: Highmore-----	55	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Raber-----	30	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21
Ho: Hoven-----	95	Poor Too clayey Sodium content Low content of organic matter Salinity Water erosion	0.00 0.00 0.50 0.88 0.99	Poor Depth to saturated zone Shrink-swell Low strength	0.00 0.00 0.00	Poor Depth to saturated zone Too Clayey Sodium content Salinity	0.00 0.00 0.00 0.00
HuB: Hurley-----	85	Poor Too clayey Droughty Sodium content Depth to bedrock Salinity Water erosion	0.00 0.00 0.00 0.58 0.88 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Sodium content Salinity Depth to bedrock	0.00 0.00 0.00 0.58
Je: Jerauld-----	90	Poor Sodium content Low content of organic matter Too clayey Salinity Water erosion	0.00 0.12 0.32 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.00	Poor Sodium content Salinity Too Clayey	0.00 0.00 0.19

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Js: Jerauld-----	55	Poor Sodium content Low content of organic matter Too clayey Salinity Water erosion	0.00 0.12 0.32 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.00	Poor Sodium content Salinity Too Clayey	0.00 0.00 0.19
Slickspots, Loamy---	40	Not rated		Not rated		Not rated	
LaA: Lehr-----	90	Poor Too sandy Droughty Low content of organic matter	0.00 0.18 0.50	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
LaB: Lehr-----	90	Poor Too sandy Droughty Low content of organic matter	0.00 0.18 0.50	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
LbB: Lehr-----	60	Poor Too sandy Droughty Low content of organic matter	0.00 0.18 0.50	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
Bowdle-----	30	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.82
LoA: Lowry-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LoB: Lowry-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	
LoC: Lowry-----	85	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	
M-W: Miscellaneous Water-	100	Not rated		Not rated		Not rated	
Ma: Macken-----	85	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.99	Poor Depth to saturated zone Shrink-swell Low strength	0.00 0.00 0.00	Poor Too Clayey Depth to saturated zone	0.00 0.00
MdB: Maddock-----	90	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.88 0.97	Good		Poor Too sandy	0.00
MdC: Maddock-----	90	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.88 0.97	Good		Poor Too sandy Slope	0.00 0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Mo: Mobridge-----	85	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.89	Good	
OpC: Opal-----	90	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.02 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Depth to bedrock	0.00 0.58
Or: Orthents, Loamy-----	80	Not rated		Not rated		Not rated	
OsD: Opal-----	60	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.02 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Depth to bedrock Slope	0.00 0.58 0.63
Sansarc-----	30	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.00 0.00 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00	Poor Too Clayey Depth to bedrock Slope	0.00 0.00 0.63
Pa: Parnell-----	95	Poor Too clayey Water erosion	0.00 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.00	Poor Depth to saturated zone Too Clayey	0.00 0.00
PrA: Parshall-----	95	Fair Low content of organic matter	0.50	Good		Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PrB: Parshall-----	95	Fair Low content of organic matter	0.50	Good		Good	
PsA: Promise-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey	0.00
PsB: Promise-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey	0.00
RaB: Raber-----	90	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21
RaC: Raber-----	90	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21
RbD: Raber-----	60	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey Slope	0.21 0.37
Gettys-----	35	Poor Too clayey Low content of organic matter Carbonate content	0.00 0.12 0.97	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Slope Carbonate content	0.00 0.63 0.97

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Re: Regan-----	95	Fair Carbonate content Water erosion	0.46 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.22 0.87	Poor Depth to saturated zone Carbonate content	0.00 0.46
SaE: Sansarc-----	50	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.00 0.00 0.99	Poor Depth to bedrock Shrink-swell Low strength Slope	0.00 0.00 0.00 0.00	Poor Slope Too Clayey Depth to bedrock	0.00 0.00 0.00
Opal-----	40	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.02 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell Slope	0.00 0.00 0.00 0.92	Poor Too Clayey Slope Depth to bedrock	0.00 0.00 0.58
SuC: Sully-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	
SuD: Sully-----	85	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength Slope	0.22 0.92	Poor Slope	0.00
SuE: Sully-----	85	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Slope Low strength	0.00 0.22	Poor Slope	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SwA: Bullcreek-----	90	Poor Too clayey Sodium content Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey Sodium content Salinity	0.00 0.00 0.00
TaA: Tally-----	85	Fair Low content of organic matter	0.12	Good		Good	
TaB: Tally-----	85	Fair Low content of organic matter	0.12	Good		Good	
TaC: Tally-----	85	Fair Low content of organic matter	0.12	Good		Good	
Te: Tetonka-----	95	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.00	Poor Depth to saturated zone Too Clayey	0.00 0.00
Us: Wendte-----	85	Poor Too clayey Water erosion	0.00 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey	0.00
VdD: Vida-----	85	Poor Low content of organic matter	0.00	Fair Low strength Shrink-swell	0.22 0.87	Not Rated Slope	0.96

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VzD: Vida-----	55	Fair Low content of organic matter Water erosion	0.12 0.99	Fair Low strength Shrink-swell	0.78 0.87	Good	
Zahl-----	30	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Slope	0.37
W: Water-----	100	Not rated		Not rated		Not rated	
WaE: Wabek-----	85	Fair Droughty Low content of organic matter	0.01 0.50	Poor Slope	0.00	Poor Rock fragments Hard to reclaim Slope	0.00 0.00 0.00
WbA: Williams-----	50	Fair Low content of organic matter Water erosion	0.50 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Bowbells-----	40	Fair Water erosion	0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
WbB: Williams-----	55	Fair Low content of organic matter Water erosion	0.50 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Bowbells-----	35	Fair Water erosion	0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WdC: Williams-----	55	Fair Low content of organic matter Water erosion	0.50 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Vida-----	35	Fair Low content of organic matter Water erosion	0.12 0.99	Fair Low strength Shrink-swell	0.78 0.87	Good	
YeB: Yecross-----	90	Poor Wind erosion Low content of organic matter Too sandy Droughty	0.00 0.12 0.14 0.82	Good		Poor Hard to reclaim Too sandy Rock fragments	0.00 0.14 0.97
YeC: Yecross-----	90	Poor Wind erosion Low content of organic matter Too sandy Droughty	0.00 0.12 0.14 0.82	Good		Poor Hard to reclaim Too sandy Slope Rock fragments	0.00 0.14 0.63 0.97
ZaE: Zahl-----	55	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Slope Low strength Shrink-swell	0.00 0.00 0.87	Poor Slope	0.00
Williams-----	40	Fair Low content of organic matter Water erosion	0.50 0.99	Poor Slope Low strength Shrink-swell	0.00 0.00 0.87	Poor Slope	0.00

